

```
graph TD; A[STARTING AUTHENTICATION] --> B[COLLECTING COLLATION LIVING BODY INFORMATION]; B --> C[COLLATING WITH REFERENCE LIVING BODY INFORMATION]; C --> D{COINCIDENT}; D -- NO --> B; D -- YES --> E[AUTHENTICATION COMPLETED]; E --> F[TRANSMITTING AUTHENTICATION END SIGNAL]; F --> G[STARTING COMMUNICATION];
```

The flowchart illustrates the authentication process. It begins with a rectangular box labeled "STARTING AUTHENTICATION". A downward arrow leads to a rectangular box labeled "COLLECTING COLLATION LIVING BODY INFORMATION". From there, another downward arrow leads to a rectangular box labeled "COLLATING WITH REFERENCE LIVING BODY INFORMATION". This is followed by a diamond-shaped decision box labeled "COINCIDENT". A "NO" path from the right side of the diamond loops back to the "COLLECTING COLLATION LIVING BODY INFORMATION" box. A "YES" path from the bottom of the diamond leads down to a rectangular box labeled "AUTHENTICATION COMPLETED". From this box, a downward arrow leads to a rectangular box with diagonal hatching labeled "TRANSMITTING AUTHENTICATION END SIGNAL". Finally, a downward arrow leads to the last rectangular box, "STARTING COMMUNICATION".

FIG. 1

FIG. 2

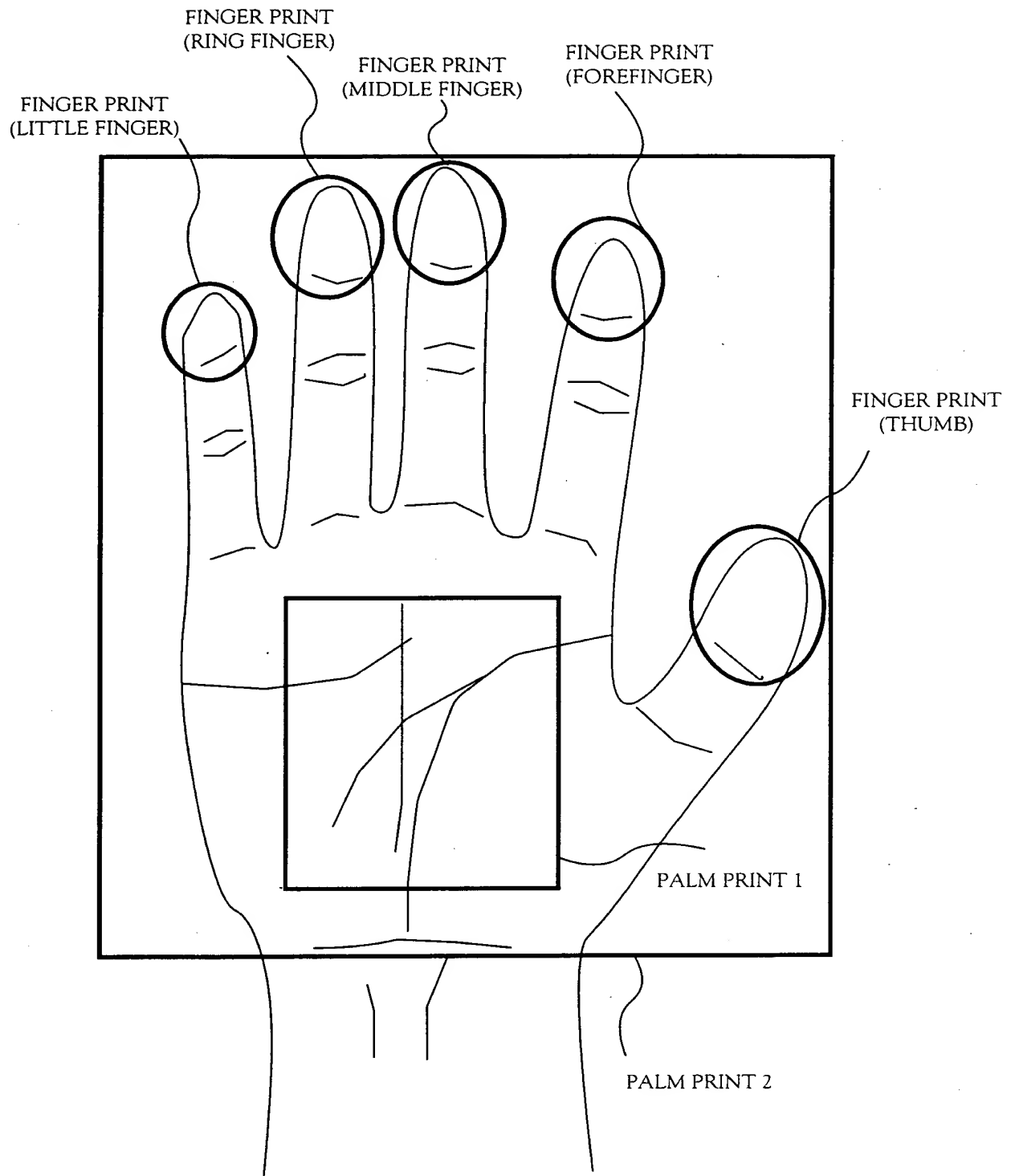


FIG. 2

REFERENCE LIVING
BODY INFORMATION

COLLATION LIVING
BODY INFORMATION

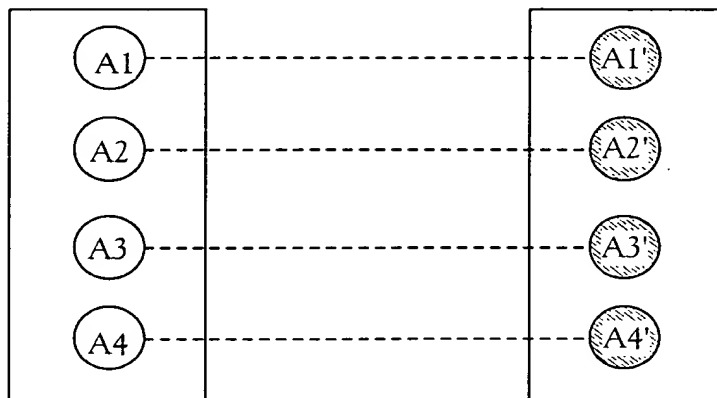


FIG. 3A

REFERENCE LIVING
BODY INFORMATION

COLLATION LIVING
BODY INFORMATION

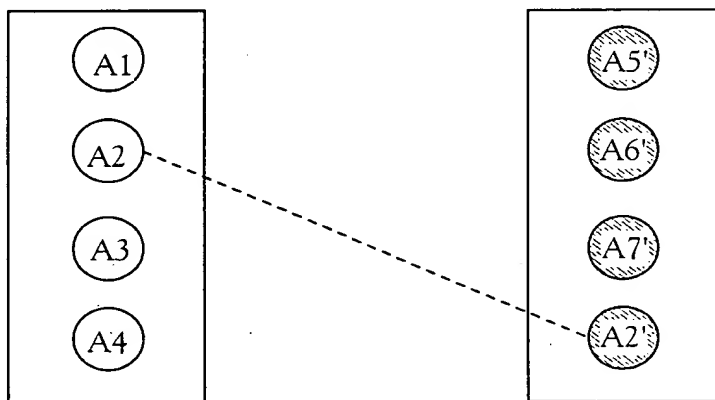


FIG. 3B

REFERENCE LIVING
BODY INFORMATION

COLLATION LIVING
BODY INFORMATION

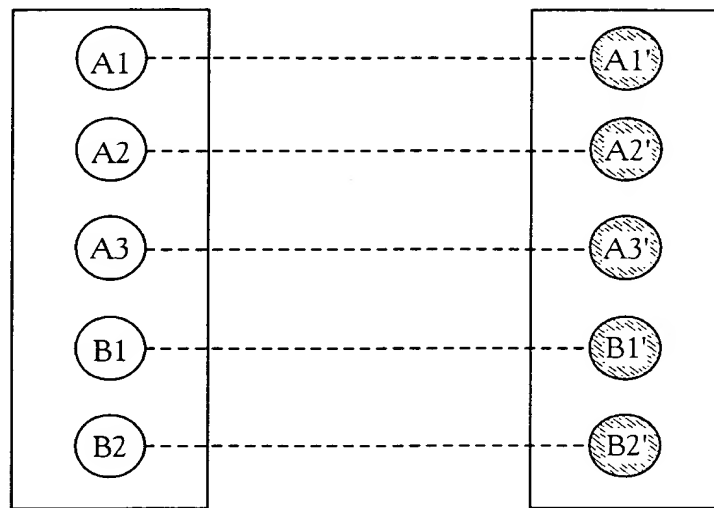


FIG. 4A

REFERENCE LIVING
BODY INFORMATION

COLLATION LIVING
BODY INFORMATION

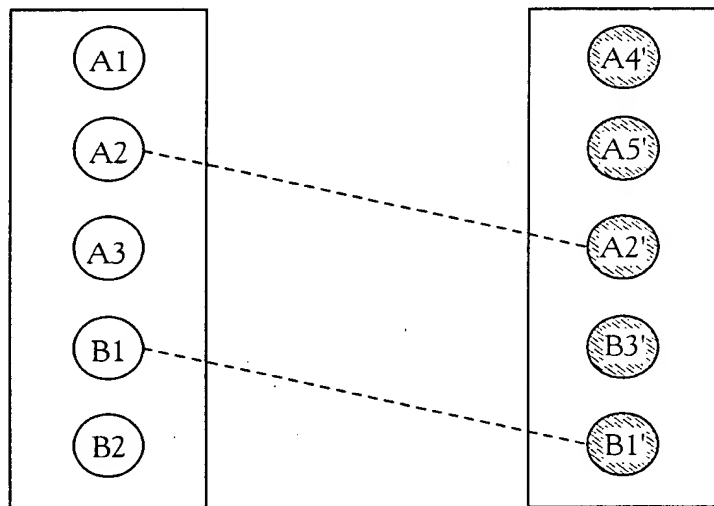


FIG. 4B

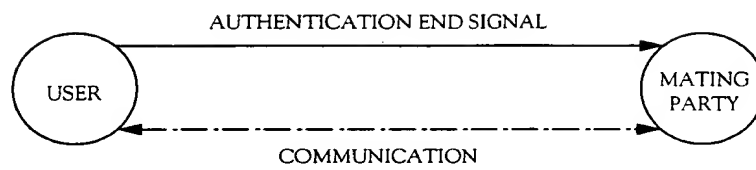


FIG. 5A

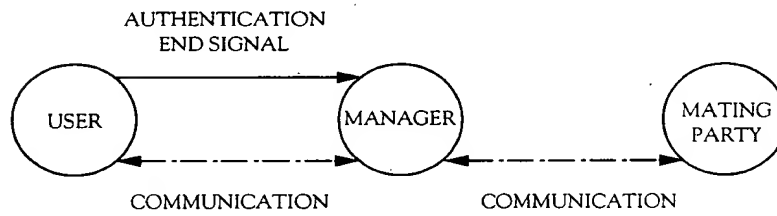


FIG. 5B

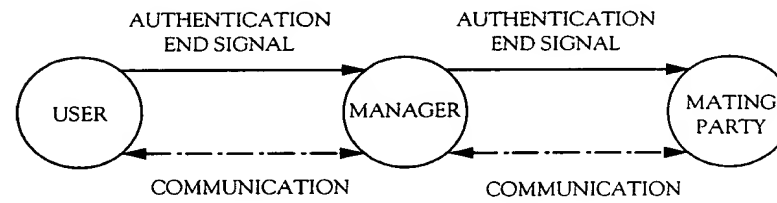


FIG. 5C

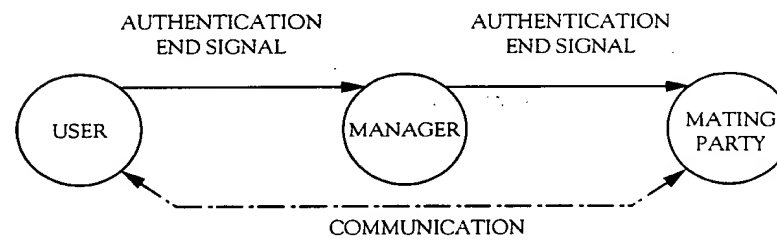
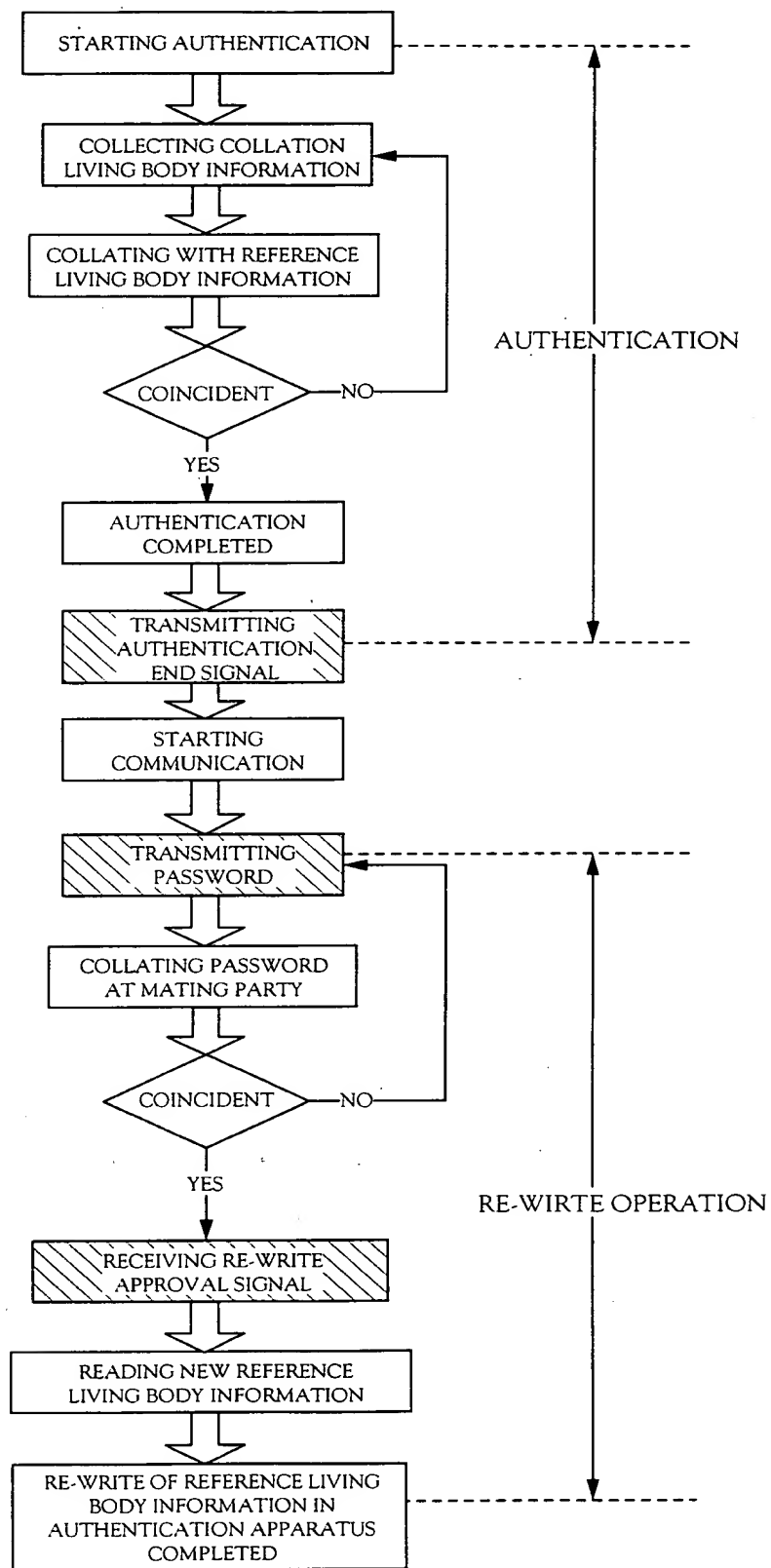


FIG. 5D

FIG. 6



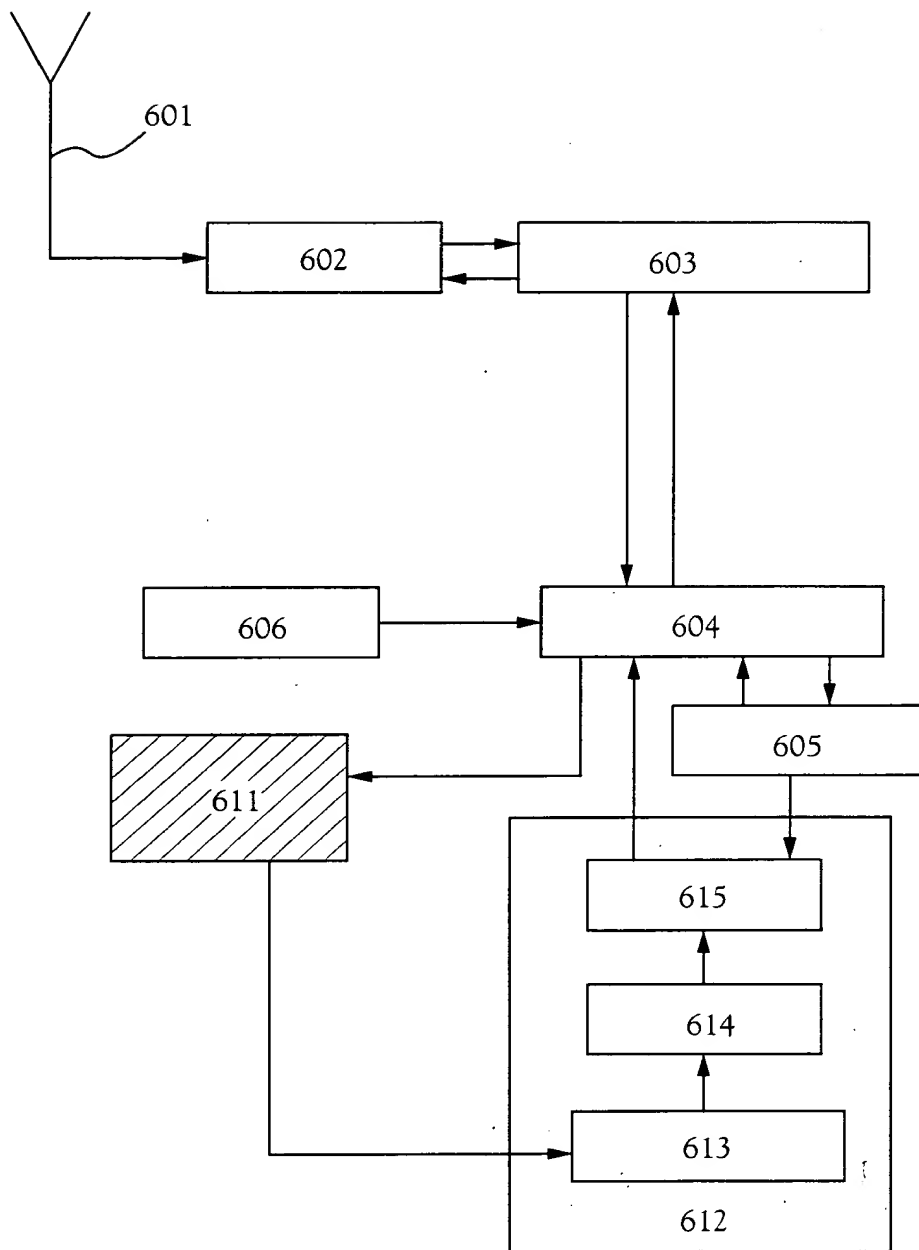


FIG. 7

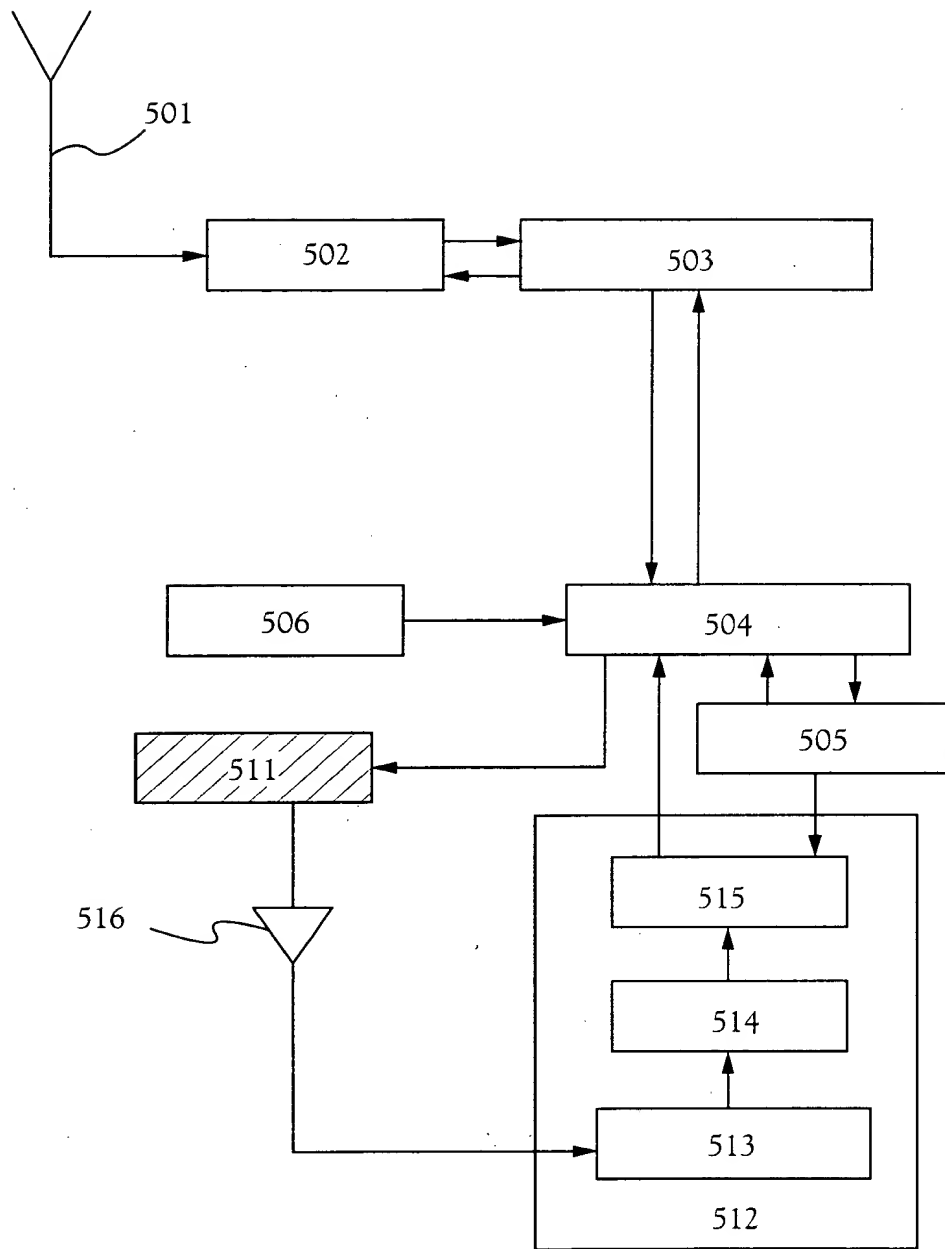


FIG. 8

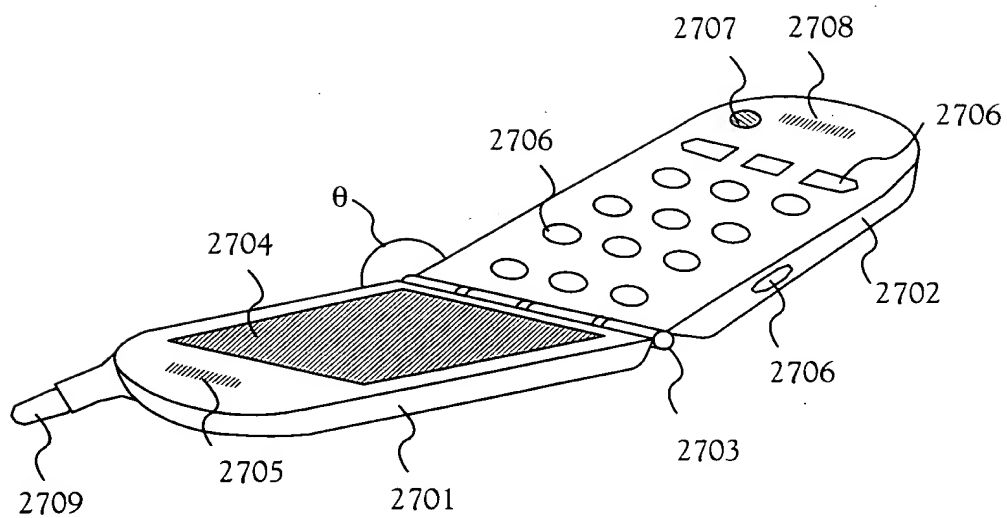


FIG. 9

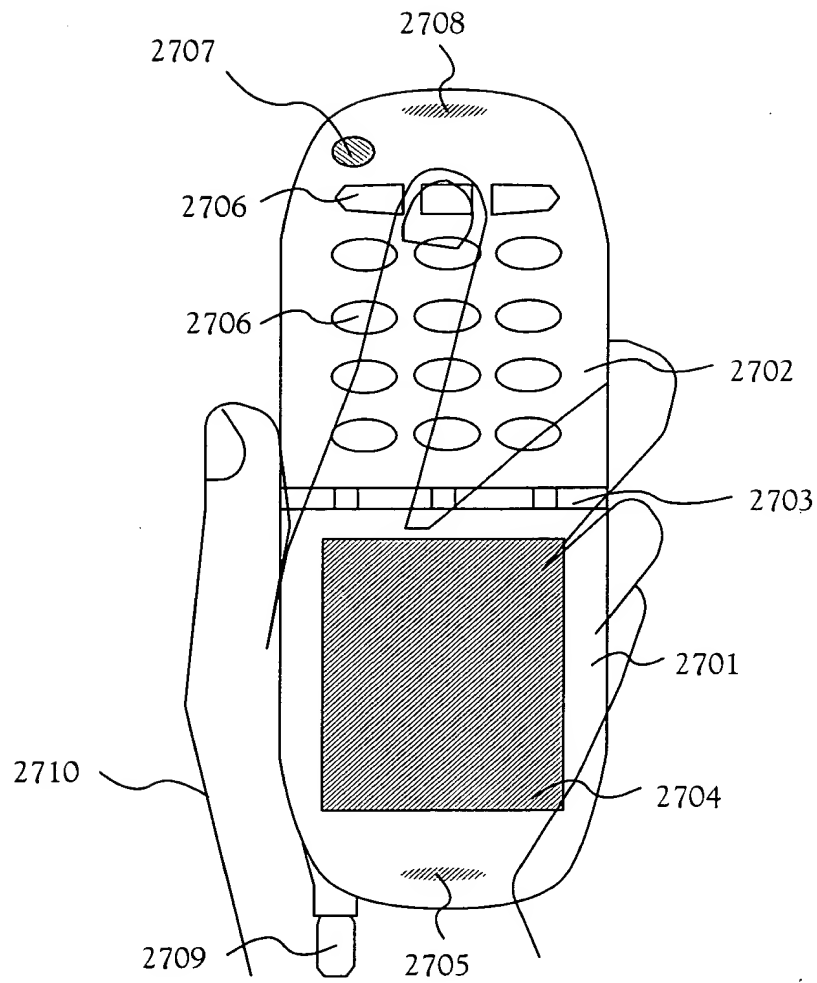


FIG. 10

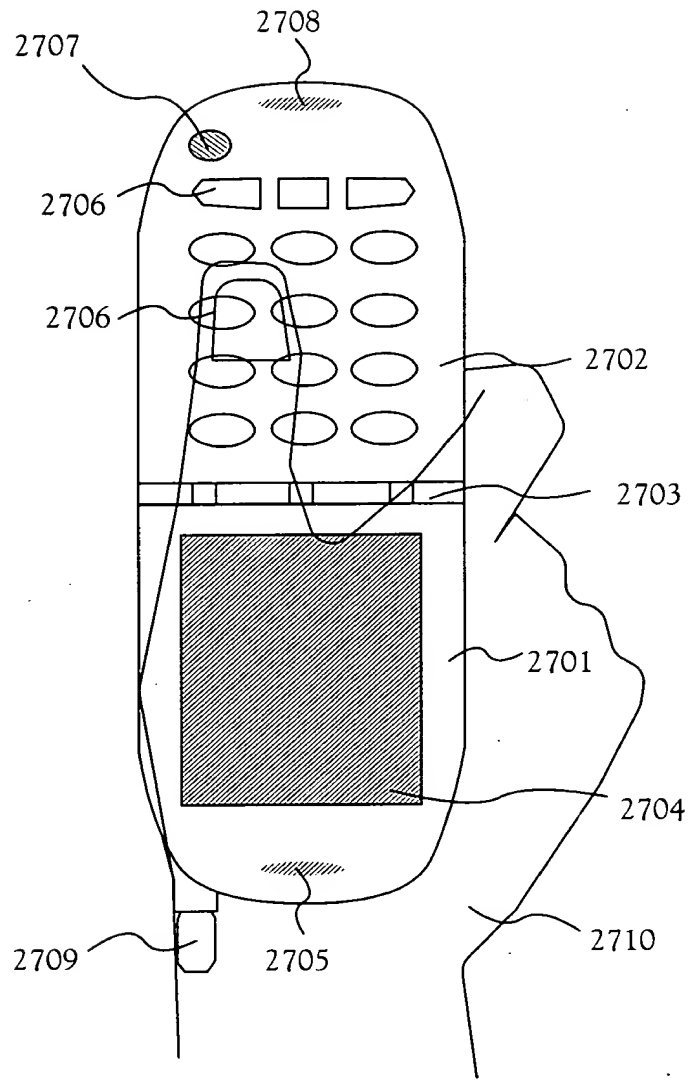


FIG. 11

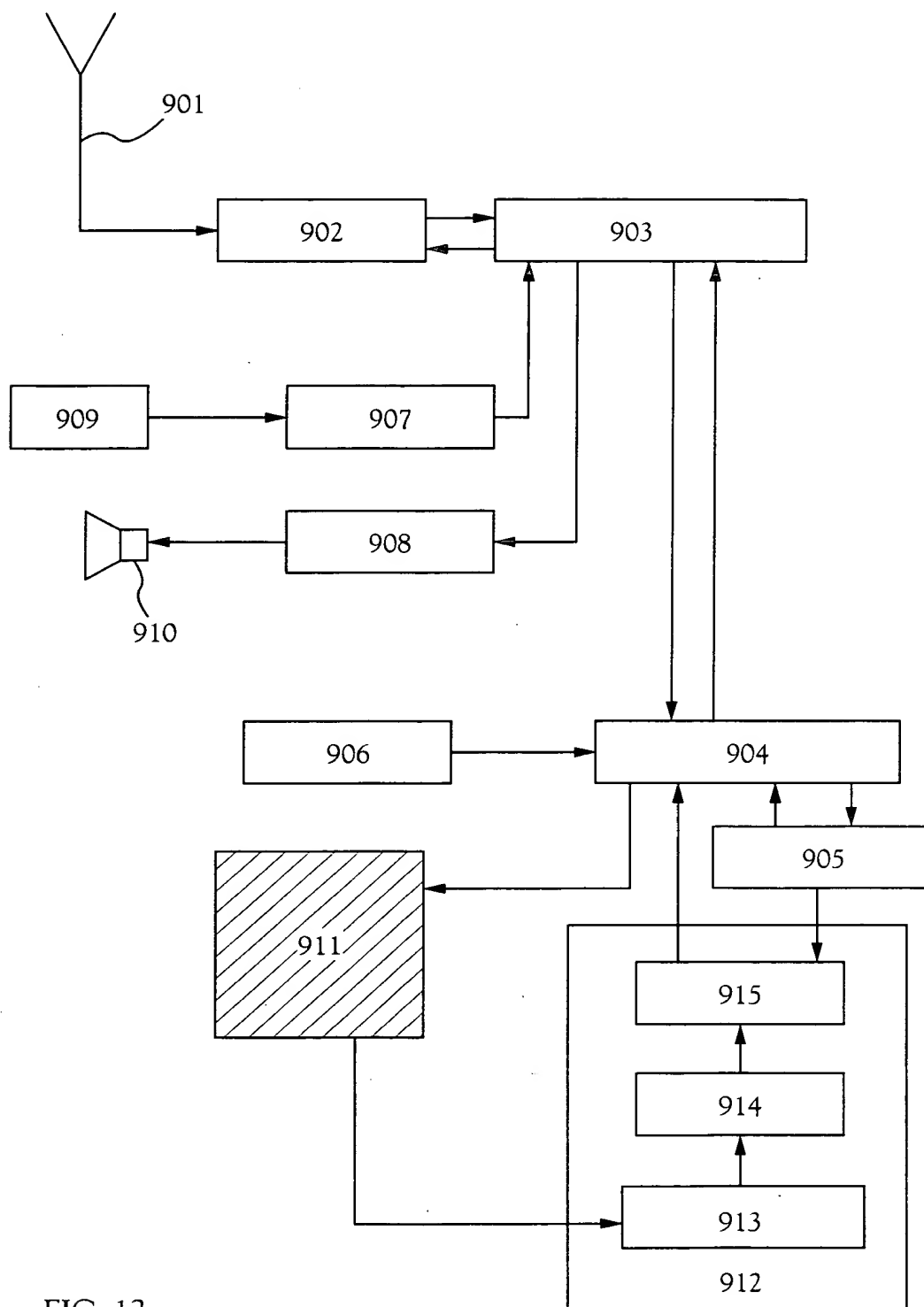


FIG. 12

FIG. 13B

```
graph TD; A[STARTING AUTHENTICATION] --> B[TRANSMITTING PASSWORD]; B --> C[COLLATION]; C --> D{COINCIDENT}; D -- NO --> B; D -- YES --> E[AUTHENTICATION]; E --> F[RECEIVING COLLATION END SIGNAL]; F --> G[STARTING COMMUNICATION];
```

The flowchart illustrates the authentication process. It begins with a rectangular box labeled "STARTING AUTHENTICATION". A downward arrow leads to a hatched rectangular box labeled "TRANSMITTING PASSWORD". From there, another downward arrow leads to a rectangular box labeled "COLLATION". This is followed by a diamond-shaped decision box labeled "COINCIDENT". A "NO" branch from the right side of the diamond points back to the "TRANSMITTING PASSWORD" box. A "YES" branch from the bottom of the diamond points down to a rectangular box labeled "AUTHENTICATION". From "AUTHENTICATION", a downward arrow leads to a hatched rectangular box labeled "RECEIVING COLLATION END SIGNAL". Finally, a downward arrow leads to the last rectangular box, "STARTING COMMUNICATION".

FIG. 14